

April 7, 2010

Mr. Jeff Bliemel
City of Poquoson Engineer
500 City Hall Avenue
Poquoson, VA 23662

RE: Oakmoore Subdivision Development Plan

Dear Mr. Bliemel:

In January and March of 2008 York County was provided a partial copy of the above referenced development plan, specifically sheet 1 and sheet 11 of 26 for a courtesy review. The plan showed proposed improvements to a tidally influenced outfall ditch serving the proposed Oakmoore subdivision whose stormwater outfall is located in York County. The plan showed approximately 60-feet of "petra-flex" lined ditch in a York County drainage easement on the property of the Old Port Cove Homeowner's Association.

During review for the tidal wetlands permit, a site visit was made by staff that has generated additional stormwater questions. Before York County will permit construction in our easement the following is needed to review the impact to our easement and to Lambs Creek:

A complete package of drainage calculations and plans including:

- Hydraulic grade line calculations with beginning tail water elevation at mean high water using a land based survey datum MSL = 0.00 not MLW = 0.00;
- Existing and proposed drainage area maps showing the path of travel used for the time of concentration to the outfall in York County;
- Calculations showing that the one-year storm event is being detained for 24 hours, (not the 2 year storm); and
- Calculations proving the discharge for flood control purposes will not exceed the flow rate from 10-year storm event that currently flows to this outfall.
- Justification for increasing size of upstream stormwater pipe from 24" to 38" x 60" when flows must be retained to pre-developed rate.

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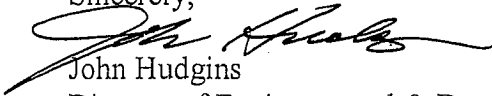
Mr. Bliemel

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- Erosion control plan addressing construction in live stream, bypass pumping, cofferdams, dewatering, etc.

I thank you in advance for your time and effort. If you have any questions, please contact my stormwater staff at 890-3752.

Sincerely,



John Hudgins

Director of Environmental & Development Services

cc: Connie Bennett, Stormwater Chief
Thomas Sheppard, Board of Supervisors
Anna Drake, Manager of Environmental Programs
Patton, Harris, Rust & Associates
Julie Steel, Environmental Specialties Group
Wetlands Board